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## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>7</sup> :</b> <b>C12Q 1/68</b>		<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 00/20632</b>
			<b>(43) International Publication Date:</b> 13 April 2000 (13.04.00)
<b>(21) International Application Number:</b> PCT/GB99/03267			<b>(81) Designated States:</b> AU, CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
<b>(22) International Filing Date:</b> 4 October 1999 (04.10.99)			
<b>(30) Priority Data:</b> 9821429.9                      2 October 1998 (02.10.98)                      GB 9821430.7                      2 October 1998 (02.10.98)                      GB 9821431.5                      2 October 1998 (02.10.98)                      GB 9903442.3                      15 February 1999 (15.02.99)                      GB			
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<b>(54) Title:</b> SUSCEPTIBILITY LOCUS FOR OSTEOARTHRITIS			
<b>(57) Abstract</b>  It is known that various loci within the genome affect the susceptibility of an individual to osteoarthritis. The present invention relates to the identification of a genetic region that may contain an osteoarthritis susceptibility locus. A genome wide linkage analysis was carried out using families affected by osteoarthritis. Results were stratified according to sex and joint affected. This produced evidence for linkage of markers on chromosome 11q. A denser linkage map of the region was then produced using more markers. Transmission disequilibrium analysis of the markers highlighted by the linkage analysis revealed disequilibrium at marker D11S937, indicating the presence of an osteoarthritis susceptibility locus in the chromosomal region close to this marker.			